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THE 2002 INTERNATIONAL POWER MODULATOR CONFERENCE WAS A GRAND SUCCESS! OVER 240 PEOPLE ATTENDED AND THEY CONTRIBUTED OVER 150 PAPERS FOR PUBLICATION. THE CONFERENCE SERVED AS HOST TO NINE EXHIBITORS WHO DISPLAYED THEIR LATEST HIGH TECHNOLOGY PRODUCTS.

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**“THE HIGH VOLTAGE WORKSHOP
AND
POWER MODULATOR CONFERENCE (2002)”**

FINAL PROGRESS REPORT

MARTIN A. GUNDERSEN, P.I.

FEBRUARY 2003

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

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Preface

The 2002 International Power Modulator Conference is a merger of the Twenty-Fifth International Power Modulator Symposium with the 2002 High Voltage Workshop. We merged the two meetings because they have many things in common: Both traditionally occur in the early summer on even-numbered years and they principally feature applied technologies that interest many of the same people. The Symposium and Workshop have served the pulsed power and high voltage communities for decades and are supported by many of the same sponsors. Unfortunately, both meetings have also experienced a decline in attendance over the past ten years. We merged the meetings to increase attendance and to better serve our communities in the following ways:

- **Publish Combined Proceedings** — The new Power Modulator Conference publishes papers from the symposium and the workshop, in an effort to increase the reference value of both meetings. Normally, the workshop does not collect and publish papers. Now we do.
- **Feature New Technologies in Various Ways** — The symposium and workshop activities were scheduled separately but in a complementary way. The Symposium portion of the conference features two days of oral and poster sessions that cover a very wide range of topics. The workshop features only four frontier-technology topics and

presents the information in a one-day plenary forum. We designed the conference to have a variety of topics and presentation methods so that the combined meeting is lively and interesting.

- **Combine Resources** — The symposium and workshop compete each year for contributions from many of the same sponsors and compete for those attendees who cannot afford to attend both events. By combining the two meetings, our sponsors made a single contribution and attendees made a single trip. In each case, sponsor and attendee receive more value for their money.

We are pleased to report that the merger was a grand success! Over 240 people attended the International Power Modulator Conference and they contributed over 150 papers for publication. The conference served as host to nine exhibitors who displayed their latest high-technology products. The conference also introduced two new awards that commemorate the lives and accomplishments of Tom Burkes and William Dunbar.

Thank you for your interest and support of the new 2002 International Power Modulator Conference.

Hugh Kirbie Dan Goebel
Conference Co-Chairs

Twenty-Fifth International Power Modulator Symposium and 2002 High-Voltage Workshop

TABLE OF CONTENTS

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PLENARY SESSIONS 1 and 2

Interaction of Rapid Magnetic Fields with Plasmas and Implications to Pulsed-Power Systems	17
Yitzhak Maron, R. Arad, A. Weingarten, K. Tsigutkin, Yu. V. Ralchenko, D. Osin, <i>Weizmann Institute of Science</i> , A. Fruchtmann, <i>Holon Academic Institute of Technology</i> , N. Chakrabarti, <i>Saha Inst. of Nuclear Physics</i> , R. J. Commisso, B. V. Weber, <i>Naval Research Laboratory</i>	
Pulsed Power Switching Technology	23
Hardev Singh, Harry L. Moore, <i>U. S. Army</i> , W. J. Sarjeant, <i>State University of New York at Buffalo</i>	
Rotating Machines for Pulsed Power	33
W. Walls, <i>Science Applications International Corporation</i>	
An Overview of Electron Beam Decontamination Technology and Applications	39
B. Turman, R. Kaye, J. Jacobs, <i>Sandia National Laboratories</i>	

UNAVAILABLE FOR PUBLICATION

Ultra-Compact Pulsed Power
G. Andrew Erickson, <i>Los Alamos National Laboratory</i>

Twenty-Fifth International Power Modulator Symposium and 2002 High-Voltage Workshop

TABLE OF CONTENTS

To Use this Table of Contents: Scroll down or use the bookmarks in the left-hand frame to move to a new location in this index. Click on a **blue paper title** to view that paper. **Titles in black** indicate that no paper was available at the time of production. To return to this index after viewing a paper, click the PREVIOUS MENU bookmark in the left frame.

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ORAL SESSIONS

ORAL SESSION 1 Accelerators

Overview and Status of the Dual Axis Radiographic Hydrodynamics Test (DARHT) Facility	97
M. Burns, H. Davis, C. Ekdahl, C. Fortgang, H. Kirbie, T. McCuistian, K. Nielsen, K. Chow, <i>Los Alamos National Laboratory</i> , W. Fawley, H. Rutkowski, W. Waldron, S. Yu, <i>Lawrence Berkeley National Laboratory</i> , G. Caporaso, Y. Chen, E. Cook, J. Watson, <i>Lawrence Livermore National Laboratory</i>	
Solid-State Pulsed Power Systems for the Next Linear Collider	102
J. Casey, M. Gaudreau, F. Arntz, T. Hawkey, M. Mulvaney, M. Kempkes, P. Dandridge, P. VerPlanck <i>Diversified Technologies, Inc.</i>	
Design and Testing of a Fast, 50 kV Solid-State Kicker Pulser	106
E. Cook, B. Hickman, B. Lee, S. Hawkins, E. Gower, F. Allen, <i>Lawrence Livermore National Laboratory</i> , P. Walstrom, <i>Los Alamos National Laboratory</i>	
A Slotted Beam Pipe Kicker Magnet with Solid State Drive for SPEAR III	110
C. Pappas, <i>Stanford Linear Accelerator Center</i>	
Dual Branch High Voltage Generator for the Beam Extraction of the Large Hadron Collider	114
J. Bonthond, J. Dieperink, L. Ducimetière, U. Jansson, E. Vossenberg, <i>CERN</i>	
Three Turn Secondary for the Prototype SLAC Solid State Induction Modulator	118
R. Cassel, J. deLamare, M. Nguyen, C. Pappas, <i>Stanford Linear Accelerator Center</i> , E. Cook, J. Sullivan, <i>Lawrence Livermore National Laboratory</i> , C. Brooksby, <i>Bechtel Nevada</i>	

WITHDRAWN

Compact Electron Beam Sterilizer on the Basis of EH-Accelerator

V. Kulish, *National Aviation University*, A. Melnyk, *Sumy State University*, I. Gubanov,
EH-Accelerator Company, Inc.

ORAL SESSION 2

Pulsed Power Applications I

The Electra KrF Laser121

M. Myers, M. Friedman, J. Giuliani, J. Sethian, *Naval Research Laboratory*,
F. Hegeler, *Commonwealth Technology, Inc.*, S. Swanekamp, *JAYCOR, Inc.*,
M. Wolford, *Science Applications International Corp.*

High-Voltage, High-Power, Pulse-Step Modulators for the Accurate Supply of Gyrotron and Other Heating Devices126

W. Förster, J. Alex, *Thales Broadcast and Multimedia AG*

High Electron Density, Atmospheric Pressure Air Glow Discharges130

F. Leipold, A. Mohamed, K. Schoenbach, *Old Dominion University*

Energy Trapping and Adaptive Clocking Innovations Applied to Capacitor Charging Series Resonant Inverters134

J. O'Loughlin, J. Lehr, D. Loree, *Air Force Research Laboratory*

Repetitive Pulsed Wire Discharge for Applications to Material Science138

K. Yatsui, W. Jiang, H. Suematsu, T. Suzuki, Y. Kinemuchi, T. Ikeuchi,
C-H. Cho *Nagaoka University of Technology*

Design and Testing of a Compact Sub-GW, Subnanosecond Pulser142

A. Pokryvailo, Y. Yankelevich, M. Shapira, *Soreq NRC*

Rapid Capacitor Charger146

M. Giesselmann, T. Heeren, *Texas Tech University*

ORAL SESSION 3

Pulsed Power Applications II

Production of Large Volume Discharges in Water and Their Industrial Applications150

H. Akiyama, S. Katsuki, T. Namihira, *Kumamoto University*,
K. Ishibashi, N. Kiyosaki, *Nishida Tekko Corporation*

Application of Pulsed Electron Beams for Improvement of Material Surface Properties154

G. Mueller, A. Heinzl, G. Schumacher, D. Strauss, A. Weisenburger,
F. Zimmermann, H. Bluhm, *Institute for Pulsed Power and Microwave
Technology*, V. Engelko, *Efremov Institute of Electrophysical Apparatus*,
V. Shulov, N. Notchovnaia, *Moscow Aviation Institute*

Flue Gas Treatment by Pulsed Power	158
K. Yatsui, G. Imada, W. Jiang, T. Sakurai, F. Edo, <i>Nagaoka University of Technology</i>	
Pulsed Power Conditions for Cost Effective Diesel Exhaust Treatment	161
V. Puchkarev, <i>Noxtech, Inc.</i>	
Advanced Pulsed Power Concept and Component Development for KrF Laser IFE	165
D. Weidenheimer, I. Smith, F. Warren, D. Morton, <i>Titan-Pulse Sciences Division</i> , L. Schlitt, <i>Leland Schlitt Consulting Services</i> , D. Giorgi, <i>Optiswitch Technology Corp.</i> , J. Driscoll, <i>Power Technology Services Co.</i> , J. Sethian, <i>Naval Research Laboratory</i>	
Power Conditioning for Pulsed Electrostatic Precipitators	170
W. Hartmann, M. Römheld, N. Grass, <i>Siemens AG</i>	
Generation of Focused Shock Waves by Multi-Channel Electrical Discharges in Water	174
P. Šunka, M. Fuciman, V. Babický, M. Člupek, <i>Institute of Plasma Physics</i> , J. Beneš, P. Poučková, J. Souček, <i>Charles University</i>	

ORAL SESSION 4

Closing and Opening Switches I

SOS/DBD-Based Solid-State Switching for Ultra-High-Power Short Pulse Generation	178
S. Rukin, E. Alichkin, S. Lyubutin, G. Mesyats, A. Ponomarev, B. Slovikovskiy, S. Timoshenkov, <i>Institute of Electrophysics</i>	
Methods and Configurations for Improving Photo-Conductive Switch Performance	183
W. Nunnally, D. Cooperstock, <i>The University of Missouri</i>	
Development and Characterization of Diamond-Coated Photoconductive Switches for Stacked Blumlein Pulsers	187
F. Davanloo, C. Collins, <i>University of Texas at Dallas</i> , F. Agee, <i>Air Force Office of Scientific Research</i>	
Semiconductor Components and Solid State Switches for Power Modulator Applications	191
A. Welleman, E. Ramezani, J. Waldmeyer, <i>ABB Switzerland Ltd.</i>	
High Frequency High Power MOSFET Development	195
G. Krausse, <i>Directed Energy, Inc.</i>	
Electrical Breakdown of Sub-Millimeter Water Gaps	199
S. Katsuki, S. Xiao, R. Joshi, M. Laroussi, K. Schoenbach, <i>Old Dominion University</i>	

ABSENT IN SESSION

FID Nano- and Picosecond Pulse Generators with Gigawatt Peak Power
V. Efanov, A. Kriklenko, <i>FID GmbH</i>

ORAL SESSION 5

Closing and Opening Switches II

Pulsed Corona Generation Using a High-Power Semiconductor Diode Switch	203
A. Pemen, E. van Heesch, K. Yan, S. Nair, <i>Eindhoven University of Technology</i> , I. Grekhov, S. Korotkov, <i>Ioffe Institute</i>	
High Temperature Inductive Switching of SiC GTO and Diode	207
S. Bayne, C. Tipton, T. Griffin, C. Scozzie, B. Geil, <i>Army Research Lab</i>	
Semiconductor Opening Switch Based Repetitive Pulsed Power Generator	210
Y. Teramoto, H. Urakami, H. Akiyama, T. Namihira, S. Katsuki, <i>Kumamoto University</i>	
Losses in Magnetic Switches	214
C. Strowitzki, A. Görtler, M. Baumann <i>TuiLaser AG</i>	
Cold Cathode Thyatron Development for Pulsed Power Applications	217
J. Urban, K. Frank, <i>University of Erlangen</i>	
High Coulomb Transfer Pseudo-Spark Switch	221
S. Park, Y. Han, S. Kim, Y. Kwon, S. Kim, Y. Park, S. Nam, <i>Pohang University of Science and Technology</i>	
Compact Nanosecond Pulse Generator for Cell Electroperturbation Experiments	225
A. Kuthi, T. Vernier, X. Gu, M. Gundersen, <i>University of Southern California</i>	

ORAL SESSION 6

High Power Microwaves, Modeling, and HF Techniques

High-Power Microwave Generation by Virtual Cathode Oscillator	229
W. Jiang, M. Sato, K. Yatsui, <i>Nagaoka University of Technology</i>	
Microwave Breakdown Studies of He-N₂ Mixtures in a Pillbox Cavity from 760 to 3040 Torr	232
D. Hemmert, A. Neuber, J. Dickens, <i>Texas Tech University</i>	
The Generation of High Electric Field Strength RF Energy Using Marx Generators	236
J. Mayes, W. Carey, <i>Applied Physical Electronics</i>	
High Energy Pulse Modulator for Microwave Tube Applications	240
R. Richardson, D. Judd, B. Wenham, <i>Marconi Applied Technologies</i>	
Gigawatt S-Band Frequency-Tunable HPM Sources	244
S. Korovin, I. Kurkan, I. Pegel, S. Polevin, <i>Institute of High Current Electronics</i>	
Subnanosecond Hybrid Modulator for UWB and HPM Applications	248
M. Yalandin, S. Lyubutin, S. Rukin, V. Shpak, S. Shunailov, B. Slovikovsky, <i>Institute of Electrophysics</i>	

UNAVAILABLE FOR PUBLICATION

Efficiency Doubling of a Plasma-Assisted Microwave Source Due to Two-Dimensional Electron Motion

A. Shkvarunets, , Y. Carmel, G. Nusinovich, T. Abu-elfadl, J. Rogers, T. Antonsen, Jr., V. Granatstein, University of Maryland, D. Goebel, Boeing EDD

ORAL SESSION 7

High Power Sources and High Current Loads

The ZR Refurbishment Project252

D. McDaniel, M. Mazarakis, D. Bliss, J. Elizondo, H. Harjes, H. Ives III, D. Kitterman, J. Maenchen, T. Pointon, S. Rosenthal, D. Smith, K. Struve, W. Stygar, E. Weinbrecht, Sandia National Laboratories, D. Johnson, Titan Corporation, J. Corley, Ktech Corporation

High Power Battery Tester Development257

F. Peterkin, Naval Surface Warfare Center, P. Butler, L. Moya, D. Reichman, R. Ripple, Sandia National Laboratories

High Power Fast Kicker System for SNS Beam Extraction262

W. Zhang, J. Sandberg, N. Tsoupas, J. Mi, R. Lambiase, R. Lockey, C. Pai, J. Tuozzolo, T. Nehring, D. Warburton, Brookhaven National Laboratory

205-kA Pulse Power Supply for Neutrino Focusing Horns266

K. Bourkland, K. Roon, D. Tinsley, Fermi National Accelerator Laboratory

The Advanced Photon Source LINAC Modulators PSPICE Simulation and Upgrade.....270

A. Cours, T. Smith, Argonne National Laboratory

Ferroelectric Plasma Sources274

Y. Krasik, K. Chirko, A. Dunaevsky, J. Gleizer, A. Krokhmal, A. Sayapin, J. Felsteiner, Technion-Israel Institute of Technology

High Voltage Modulator Family for Diagnostic Neutral Beam Injectors278

G. Abdrashitov, A. Bulatov, Y. Evtushenko, V. Kolmogorov, G. Krainov, A. Medvedko, Budker Institute of Nuclear Physics

ORAL SESSION 8

High Voltage Components and Dielectric Breakdown

Thin Film, Diamond-Like Carbon Dielectrics282

R. Wu, H. Kosai, K Systems Corporation, M. Freeman, DARPA TACTICAL Technology, G. E. Schwarze, NASA/Glenn Research Center, S. Fries-Carr, J. Weimer, Air Force Research Laboratory

Development of Low Inductance, High Power Plastic Case Capacitors for the SNS Polyphase Resonant Converter-Modulator286

R. Cooper, J. Ennis, F. MacDougall, J. Bates, Sorrento Electronics, Inc., W. Reass, D. Baca, J. Doss, R. Gribble, P. Talerico, Los Alamos National Laboratory

Interfacing Pulsed Power Systems to Switching Power Supplies	290
A. Bushnell, <i>Sorrento Electronics</i>	
Surface Flashover Across Ceramic Disks in Vacuum at Cryogenic Temperatures	293
A. Neuber, H. Keene, J. Dickens, <i>Texas Tech University</i>	
Lifetime Considerations of High Voltage Semiconductor Diodes for Pulsed Power Applications	297
W. Hartmann, W. Haas, M. Römheld, N. Grass, <i>Siemens AG</i>	

WITHDRAWN

Partial Discharge Diagnosis Based on Time Between Pulses
S. Kumar, M. Narayanachar, R. Nema, <i>Department of High Voltage Engineering</i>	
Energy Storage Capacitor Technologies
P. Michalczyk, C. Vincent, <i>TPC a Division of AVX Corp</i>	

UNAVAILABLE FOR PUBLICATION

A Novel Dual Resonant Transformer for Charging Low Capacitance Loads
J. Lehr, J. O'Loughlin, D. Loree, <i>Air Force Research Laboratory</i> , G. Rohwein, <i>Consultant</i>	

Twenty-Fifth International Power Modulator Symposium and 2002 High-Voltage Workshop

TABLE OF CONTENTS

To Use this Table of Contents: Scroll down or use the bookmarks in the left-hand frame to move to a new location in this index. Click on a **blue paper title** to view that paper. **Titles in black** indicate that no paper was available at the time of production. To return to this index after viewing a paper, click the PREVIOUS MENU bookmark in the left frame.

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POSTER SESSION A

Accelerators, High Power Sources/High Current Loads, and High Voltage Components, and Dielectric Breakdown

Pulsed Power Systems for the Dual-Axis Radiographic Hydrodynamics Test (DARHT) Facility	309
M. Burns, H. Kirbie, B. McCuistian, K. Nielsen, <i>Los Alamos National Laboratory</i> , H. Rutkowski, W. Waldron, S. Yu, <i>Lawrence Berkeley National Laboratory</i> , E. Cook, J. Watson, <i>Lawrence Livermore National Laboratory</i>	
A New Modulator Controller of the PLS Linac	313
S. Kim, S. Park, S. Kim, Y. Han, S. Nam, <i>Pohang University of Science and Technology</i>	
Outline of Power Modulator Work Supported by DOE SBIR Grants	317
R. Koontz, <i>Stanford Linear Accelerator Center</i>	
Analog Amplitude Modulation of a High Voltage, Solid State, Inductive Adder, Pulse Generator Using MOSFETs	321
E. Gower, J. Sullivan, <i>Lawrence Livermore National Laboratory</i>	
Low Inductance Pulser System Drives a Fast Magnet at DARHT	325
E. Rose, R. Bartsch, D. Custer, C. Ekdahl, R. Montoya, J. Smith, <i>Los Alamos National Laboratory</i>	
Solid-State Modulated Kicker Pulser	328
B. Lee, F. Allen, R. Anaya, E. Cook, S. Hawkins, B. Hickman, J. Watson, <i>Lawrence Livermore National Laboratory</i>	
Control System for the LLNL Kicker Pulse Generator	331
J. Watson, R. Anaya, E. Cook, B. Lee, S. Hawkins, <i>Lawrence Livermore National Laboratory</i>	
Development of Bipolar Accelerator for Pulsed Ion Beam Implantation	334
K. Masugata, Y. Kawahara, C. Mitsui, I. Kitamura, T. Takahashi, <i>Toyama University</i> , Y. Tanaka, H. Tanoue, K. Arai, <i>Electro-Technical Laboratory</i>	

High Power Thermal Battery Development	338
F. Peterkin, <i>NSWC</i> , P. Butler, R. Guidotti, L. Moya, F. Reinhardt, <i>Sandia National Laboratories</i>	
The Magnetic Flux Compression Scheme as a Power Amplification & Pulse Shaping Stage	343
M. Bavay, P. L'Eplattenier, C. Mangeant, F. Hamann, P. Monjaux, F. Lassalle, <i>Centre d'Etudes de Gramat</i> , M. Mazarakis, <i>Sandia National Laboratories</i> , G. Avrillaud, B. Lalle, <i>ITHPP</i>	
Analysis of a Railgun Capacitor-Muzzle-Shunt Energy Recovery Scheme	347
J. Bernardes, G. LaCava, M. Schrader, <i>Naval Surface Warfare Center</i>	
Battery Operated Portable 300 kV Pulsed Power System	351
V. Chaudhari, A. Shyam, R. Kumar, D. Lathi, P. Sarkar, R. Verma, S. Chaturvedi, J. Sonara, K. Shah, B. Adhikary, <i>Institute for Plasma Research</i>	
Compact Nanosecond Pulse Generator for Cell Electroperturbation Experiments	354
A. Kuthi, T. Vernier, X. Gu, M. Gundersen, <i>University of Southern California</i>	
Micropulser for Real-Time Microscopy of Cell Electroperturbation	358
M. Behrend, A. Kuthi, T. Vernier, L. Marcu, C. Craft, M. Gundersen, <i>University of Southern California</i>	
Research and Experiment of HT-7U Lower Hybrid Current Drive HVPS	362
Y. Huang, B. Liu, G. Kuang, <i>The Chinese Academy Sciences</i>	
A High Power Vacuum Rotary Arc Gap Closing Switch for Pulsed Power Applications	366
G. Rim, H. Lee, K. Seo, <i>Korea Electrotechnology Research Institute</i> , T. Lee, <i>Inha University</i> , L. Hwang, H. Kim, <i>VITZRO Tech Co., Ltd.</i>	
Design of a New Driver for Fast and Ultra-Powerful Capillary Discharge	370
J. Schmidt, V. Bohacek, K. Kolacek, M. Ripa, P. Sunka, <i>Institute of Plasma Physics</i> , O. Frolov, <i>Charles University in Prague</i>	
Feasibility Study of an Explosively Formed Transient Antenna	374
A. Neuber, N. Schoeneberg, J. Dickens, M. Kristiansen, <i>Texas Tech University</i>	
High Stable Modulators for Klystron Supplying	378
N. Matveev, Sergey Kravtsov, <i>High Voltage Research Center</i>	
High Rep-rate Inductive-Energy-Storage Pulsed Power Modulator Using High Voltage Static Induction Thyristor	382
K. Yamashita, M. Watanabe, A. Okino, E. Hotta, <i>Tokyo Institute of Technology</i> , N. Shimizu, K. Iida, <i>NGK Insulators Ltd.</i>	
A Hybrid Solid-State Induction Modulator with Pulse Transformer to Drive SLAC Klystrons	386
J. deLamare, <i>Stanford Linear Accelerator Center</i>	
Marx-Stacked IGBT Modulators for High Voltage, High Power Applications	390
R. Richter-Sand, R. Adler, R. Finch, B. Ashcraft, <i>North Star Research Corp.</i>	

Multi-Channel Pulse Generator	394
E. Bolshakov, V. Burtsev, D. Getman, A. Sedov, <i>D. V. Efremov Scientific Institute of Electrophysical Apparatus</i>	
High-Frequency Multi-Purpose Pulse Generator	396
V. Engelko, E. Bolshakov, U. Istomin, O. Pechersky, <i>D. V. Efremov Scientific Research Institute of Electrophysical Apparatus</i>	
Compact Marx Generator Test System	399
F. Peterkin, B. Hankla, J. Stevens, J. Sharrow, <i>D. Stoudt, Naval Surface Warfare Center</i>	
High Repetition Frequency Picosecond Pulse Generator	403
S. Zazoulin, <i>Pulse Systems Group</i> , A. Kardo-Sysoev, S. Moryakova, <i>Ioffe Physico-Technical Institute</i>	
Design and Experiments of an Automatic Repetitive Charging System of 100 kV and 2A	406
Y. Tan, M. Han, X. Wang, L. Chen, <i>Tsinghua University</i>	
Experimental Results on the Breakdown Behaviour of Concrete Immersed in Water	410
W. Frey, R. Straessner, W. Edinger, H. Bluhm, <i>Institute for Pulsed Power and Microwave Technology</i>	
Contaminated Connector and Surface Atmospheric Flashover Phenomena: A Preliminary Investigation	414
J. Buneo, J. Zirnheld, K. Burke, W. Sarjeant, <i>State University of New York at Buffalo</i>	
Measurements of Spatial Distributions of Gas Temperature and Ozone Concentration in Barrier Discharge Type of Ozonizer	417
S. Ihara, C. Yamabe, <i>Saga University</i>	
Transmission Line Transformers for up to 100 kW Pulsed Power Generation	420
K. Yan, E. van Heesch, P. Wouters, A. Pemen, S. Nair, <i>Eindhoven University of Technology</i>	
Electrical Insulation and RF Breakdown in Space Environment	424
H. Kirkici, <i>Auburn University</i>	

ABSENT IN SESSION

Variable Frequency Operation of a 50-kV Line-type Modulator
K. Dixit, V. Yadav, R. Chavan, A. Chindarkar, K. Mittal, R. Sethi, *Bhabha Atomic Research Center*

**The Novel Approach to Theoretical and Practical Consideration of the Accelerator in
Crossed Electrical and Magnetic Fields with the Closed Drift of Electrons**
A. Zharinov, Y. Kovalenko, D. Novichkov, A. Kovalenko, *All-Russian Electrotechnical Institute*

Review of Construction Schemes of Mega-Ampere Current Pulses Formation for T-1 Facility

A. Pikar, V. Gurin, V. Demidov, V. Kataev, P. Korolev, M. Klimashov, V. Letyagin, G. Makartsev, I. Markevtsev, V. Nudikov, B. Ptitsin, A. Russkov, A. Saratov, V. Selemir, A. Shuvalov, *All Russian Scientific Research Institute of Experimental Physics*

Numerical Calculation of Non-linear Magnetic Field Diffusion for Definition of Macrobodies Maximum Velocity at Inductive Acceleration

A. Pikar, V. Gurin, V. Kataev, P. Korolev, M. Klimashov, *All Russian Scientific Research Institute of Experimental Physics*

Numerical Simulation Methods of Magnetic Flux Compression in Helical Magnetocumulative Generators

A. Pikar, Y. Derugin, P. Korolev, V. Klimashov, *All Russian Scientific Research Institute of Experimental Physics*

The Peculiarities of Mode of the Flywheel Unit with the Electric Machine of Double Power Supply

P. Rutberg, R. Goncharenko, E. Kasharsky, Y. Shakaryan, *Institute of Problems of Electrophysics*

Pseudospark in Inductive Energy Storage

A. Arefjev, N. Vereschagin, S. Kruglov, *Radioengineering Academy*

Inductive Energy Storage for Nitrogen Laser

A. Arefjev, N. Vereschagin, S. Kruglov, A. Gorlov, I. Kun, *Radioengineering Academy*

Induction Mechanism of High Power Electrons Acceleration in Laser-Produced Plasma

V. Belyaev, *Central Research Institute of Machine Building of Russian Aviation and Space Agency*, V. Mikhaylov, *Institute of Strategic Stability*

Theoretical Treatment of Anomalous Diffusion as Driver for Dynamic Pinch

V. Belyaev, *Central Research Institute of Machine Building of Russian Aviation and Space Agency*, V. Mikhaylov, *Institute of Strategic Stability*

Compact 10 kV, 10 kHz, Solid State Modulator for UWB Systems

A. Kardo-Sysoev, V. Kozlov, S. Moryakova, I. Smirnova, *Ioffe Physico-Technical Institute*, V. Sergeev, V. Karavaev, *Pulse Systems Group*

Transients in Pulsed, High-Current Circuits with Massive Conductors

B. Fridman, D. V. Efremov *Institute of Electrophysical Apparatus*

Shock Compression of Graphite in a Z-Pinch Scheme

B. Fridman, D. V. Efremov *Institute of Electrophysical Apparatus*, I. Mararevich, *Institute of Problems of Electrophysics of RAS*, A. Rakhel, *High Density Center of United Institute of High Temperature of RAS*, B. Rumyantsev, A. F. Ioffe, *Physic Technical Institute of RAS*

Wire Array Compression with Prolonged Plasma Formation

I. Glazyrin, A. Slesareva, O. Kotova, P. Sasorov, *Russian Federal Nuclear Center – VNIITF*, E. Grabovsky, S. Nedoseev, G. Oleinik, A. Samokhin, *TRINITI*

Simulation of Wire Array Compression in R-Phi Geometry

I. Glazyrin, I. Litvinenko, A. Sapozhnikov, A. Slesareva, *Russian Federal Nuclear Center – VNIITF*

Power Modulation of Pulsed Power Supply for a High Power Laser

K. Liu, S. Qin, *Huazhong University of Science and Technology*

Electroexplosion Current Switch

A. Vedernikov, N. Kas'yanov, V. Kovalev, V. Kononenko, A. Kormilitsin, A. Pavlenko, V. Filatov, *Russian Federal Nuclear Center – VNIITF*

Explosive Magnetic Generators of Powerful High-Voltage Pulses

A. Kuchеров, V. Chernyshev, G. Volkov, A. Glybin, A. Ivanov, A. Krayev, A. Mezhevov, S. Pak, A. Skobelev, *Institute of Experimental Physics*

Electrical Explosion and Its Application for High Current Commutation in Different Electrophysical Installations with Inductive/Capacitive Energy Storage

V. Burtsev, N. Kalinin, *D. V. Efremov Scientific Research Institute of Electrophysical Apparatus*

Operation of Magnetic Flux Compressor with Electro-Explosive Opening Switch on the Capacitive Load

K. Gorbachev, A. Lisichkin, E. Nesterov, V. Stroganov, V. Fortov, E. Chernykh, *Institute for High Energy Densities*

Multipurpose Compact Generator for High-Power High-Current Nanosecond Pulse Production

K. Gorbachev, A. Lisichkin, E. Nesterov, V. Stroganov, V. Fortov, E. Chernykh, *Institute for High Energy Densities*

Increase of Frequency of High-Current Relativistic Electron Beam Impulses at the Sacrifice of Electron Temperature Decrease

E. Protasevich, *Tomsk Polytechnic University*

Improvement of the Adequacy of EMP Simulation

L. Vavriv, A. Serebyannikov, *Research Institute Molniya*, D. D. Vavriv, *Kharkov National University of Radioelectronics*

Pulse Current Generators for Electrogydropulse Installations

A. Vovchenko, I. Vovk, L. Miroshnichenko, Goloborodko, *Institute of Pulse Research and Engineering*

Power Supplies for Compact Submerged High-Voltage Equipment

K. Dubovenko, Y. Kurashko, I. Shvets, *Institute of Pulse Research and Engineering*

High Repetitive Generation of Underwater Electric Discharges

K. Dubovenko, A. Vovchenko, V. Chemerys, A. Blaschenko, Y. Boychenko, S. Kozak, A. Lytvynov, *Institute of Pulse Research and Engineering*

Experimental Study of a Repetitive Compact Marx Generator

L. Veronm, *Commissariat à l' Energie Atomique*, J. Brion, *Europulse*

Development of a Pulsed Modulator for Feeding Power to Magnetron Guns with Secondary-Emission Cathodes

A. Dovbnya, M. Krasnogolovets, N., Reshetnyak, V. Romas'ko, Y. Volkolupov, V. Zakutin, *Kharkov Institute of Physics and Technology*

Elaboration of the System of Classification of Partial Discharges in Polyethylene Insulation
M. Rezinkina, O. Rezinkin, *Kharkov State Polytechnic University*

Study on the Hydrophobility Transfer of RTV-SIR Coating
Z. Jia, Z. Guan, *Tsinghua University*

Characteristics of RTV-SIR Coating at Low Air Pressure
Z. Jia, J. Zhou, L. Wang, Z. Guan, *Tsinghua University*

Study on Spark Over Behavior of Insulator Under Combined AC and Lightning Impulse Voltage
Z. Shi, L. Wang, Z. Guan, G. Wang, *Tsinghua University*

Pulsed Surface Flashover of Insulators in Oil, Water and Vacuum
A. Sharma, K. Nagesh, R. Sethi, *Bhabha Atomic Research Centre*, G. Nagabhushana, *Indian Institute of Science*

WITHDRAWN

Design of a Repetitive Pulse Transformer
D. Sharma, K. Nanu, K. Nagesh, R. Sethi, *Bhabha Atomic Research Center*

The Prototype of the Injection Kicker System for CERN's LHC Collider
L. Ducimetière, N. Garrel, *CERN*, M. Barnes, G. Wait, *TRIUMF*

Unified Characteristics of Conditioned Metal-Oxide Varistors
A. Bystry, R. Ganefeld, *Coal Energy Technology Center*

Distinguishing Partial Discharge Analysis and Scope for Automation
S. Senthil Kumar, M. Narayanachar, R. Nema, *Indian Institute of Science*

UNAVAILABLE FOR PUBLICATION

A Closed Type Compact Modulator for 50-MW C-band (5712-MHz) Klystron
H. Matsumoto, H. Baba, T. Shintake, *High Energy Accelerator Research Organization*

Model of Electron Beam Pinch in Rod Pinch Diode
V. Ryzhov, S. Belomyttsev, A. Kirikov, I. Turchanovsky, *Institute High Current Electronics*,
V. Taronov, *High Energy Density Research Investigation Center*

The Hazards of Pulsed Power
L. Gordon, T. Fogle, *Los Alamos National Laboratory*

Twenty-Fifth International Power Modulator Symposium and 2002 High-Voltage Workshop

TABLE OF CONTENTS

To Use this Table of Contents: Scroll down or use the bookmarks in the left-hand frame to move to a new location in this index. Click on a **blue paper title** to view that paper. **Titles in black** indicate that no paper was available at the time of production. To return to this index after viewing a paper, click the PREVIOUS MENU bookmark in the left frame.

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POSTER SESSION B

Closing and Opening Switches, Applications, High Power Microwaves, Modeling, and HF Techniques

Gallium Arsenide and Silicon FET-Type Switches for Repetitive Pulsed Power Applications437
M. Gundersen, X. Gu, A. Kuthi, *University of Southern California*,
C. Myles, Q. Shui, *Texas Tech University*

New Generation of Drift Step Recovery Diodes (DSRD) for Subnanosecond Switching and High Repetition Rate Operation441
V. Kozlov, I. Smirnova, S. Moryakova, A. Kardo-Sysoev, *Ioffe Physico-Technical Institute*

A Novel Type of Power Picosecond Semiconductor Switches Based on Tunneling-Assisted Impact Ionization Fronts445
P. Rodin, *Technical University of Berlin*, U. Ebert, W. Hundsdorfer, *Center for Mathematics and Computer Science*, I. Grekhov, *Ioffe Physicotechnical Institute*

Recent Progress in the Development of Compact Solid-State, High Voltage Radar Modulators449
M. Kempkes, T. Hawkey, M. Mulvaney, J. Casey, M. Gaudreau, *Diversified Technologies, Inc.*

A Solid-State Opening Switch and Mod Anode Supply for the Advanced Light Source Klystrons453
M. Kempkes, I. Roth, M. Gaudreau, T. Hawkey, J. Casey, M. Mulvaney, *Diversified Technologies, Inc.*

The Generator of High Power Current Pulses Sequence on the Base High Current Diodes with Virtual Cathode Hysteresis457
A. Paschenko, I. Shapoval, *Kharkov Institute of Physics and Technology*,
V. Novikov, *Scientific and Technological Center of Electrophysics*

The Generator of High Power Electric Pulses Sequences on the Base of Electron Current Loop Breakage460
A. Paschenko, I. Shapoval, *Kharkov Institute of Physics and Technology*,
V. Novikov, *Scientific and Technological Center of Electrophysics*

The Generator of High Power Voltage Pulses on the Base of Coaxial Plasma Switch with Homogeneous Power Supply	463
A. Paschenko, I. Shapoval, <i>Kharkov Institute of Physics and Technology</i> , V. Novikov, <i>Scientific and Technological Center of Electrophysics</i>	
Electrical and Optical Characteristics of Water under High Electric Stress	467
S. Katsuki, R. Joshi, M. Laroussi, F. Leipold, K. Schoenbach, <i>Old Dominion University</i>	
Recovery of Water Switches	471
S. Xiao, J. Kolb, M. Moselhy, K. Schoenbach, <i>Old Dominion University</i> , S. Katsuki, <i>Kumamoto University</i> , S. Kono, <i>Ariake National College of Technology</i>	
High Power Pseudospark Switches for Pulsed Power	475
V. Bochkov, D. Botchkov, V. Dyagilev, V. Kudinov, V. Ushich, <i>Pulsed Technologies, Ltd.</i> , V. Glouschenkov, R. Yusupov, <i>Samara State Air-Space University</i>	
Methods for Reducing the Forward Voltage Drop in Pseudospark Switches	479
V. Bochkov, V. Dyagilev, V. Ushich, <i>Pulsed Technology Ltd.</i> , O. Frants, Y. Korolev, I. Shemyakin, V. Geyman, R. Ivashov, N. Landl, <i>Institute of High Current Electronics</i> , K. Frank, M. Iberler, J. Urban, <i>University of Erlangen</i>	
Gas Discharge Switch Evaluation for RHIC Beam Abort Kicker Application	483
W. Zhang, J. Sandberg, <i>Brookhaven National Laboratory</i> , R. Sheldrake, C. Pirrie, <i>Marconi Applied Technology</i>	
Triggered Spark Gap Switches and Their Erosion Characteristics	487
N. Bublik, Y. Isaenkov, P. Makeev, <i>IHED</i>	
Charge Voltage, Trigger Voltage, and Gas Dielectric Effects on Multi-Channel Closing of a Russian Multi Gap Switch	491
K. LeChien, J. Gahl, <i>University of Missouri</i>	
Use of Triggered Vacuum Switches in a HV Crowbar	495
N. Matveev, D. Khabarov, <i>High Voltage Research Center</i> , D. Alferov, V. Sidorov, <i>All-Russian Electrotechnical Institute</i>	
Temporal Evolution of the Microwave Spectrum in the Course of a Radiation Pulse from a Relativistic Cherenkov Plasma Maser	499
I. Bogdankevich, I. Ivanov, O. Loza, A. Rukhadze, P. Strelkov, D. Ulyanov, <i>General Physics Institute</i> , V. Tarakanov, <i>High-Energy Density Research Investigation Center</i> , E. Garate, <i>University of California</i>	
High-Power EM-Pulse Influence on Isolated Cells	502
I. Onishchenko, N. Gaponenko, N. Dikij, Y. Lonin, E. Medvedeva, N. Onishchenko, A. Tarasov, V. Ermolenko, <i>Kharkov Institute of Physics and Technology</i>	
Field Analysis of TWT HVPS Transformer and HV Module	506
S. Kim, S. Nam, D. Kim, K. Ha, S. Jeong, <i>Pohang University of Science and Technology</i> , D. Park, H. Kwon, J. Chun, <i>LG Innotek Co., Ltd.</i>	
Design of a Linear Induction Accelerator Module for a Hybrid Antenna-Amplifier, a Compact Controllable High-Power Microwave Source	510
A. Shlapakovski, I. Vintizenko, <i>Tomsk Polytechnic University</i>	

Over Modulated HF Transmitter	513
J. Bare, <i>Plasma Sonics, Ltd. Co.</i>	
Modified Magnetocumulative Beamless Variable Structure Oscillator with Active Antennas	517
A. Paschenko, I. Shapoval, <i>Kharkov Institute of Physics and Technology,</i> V. Novikov, <i>Scientific and Technological Center of Electrophysics</i>	
The High Voltage System for ECRH on the JET Tokamak	521
A. B. Sterk, A. Verhoeven, <i>FOM Institute for Plasma Physics</i>	
Timing and Synchronization of Solid-State Pulsed-Power Modules (SSPPM) for Excimer Laser Applications	525
R. Ness, P. Melcher, R. Saethre, <i>CYMER, Inc.</i>	
Nanosecond Pulse, Injection Laser Bar Stack Driver	529
P. Wilson, W. Nunnally, <i>The University of Missouri</i>	
Status of the Pulsed Power System for the PHELIX Kilojoule/Petawatt-Laser at GSI Darmstadt	532
A. Tauschwitz, <i>Technical University of Darmstadt,</i> E. Dewald, B. Becker de-Mos, S. Samek, I. Reinhard, T. Köhl, <i>GSI Darmstadt</i>	
Evaluation of Weakly Ionized Plasma Channel by Accumulation Effect of Charged Particles for Laser-Triggered Lightning	536
M. Yamaura, N. Hayashi, S. Ihara, S. Satoh, C. Yamabe, <i>Saga University</i>	
Pulsed Ion Beam Evaporation at Low Temperature for the Preparation of Thin Films	540
K. Yatsui, W. Jiang, H. Suematsu, S. Yang, R. Iwashita, T. Nagahama, N. Uchitomi, T. Arikado, <i>Nagaoka University of Technology</i>	
A Two-Switch Mode Pulse Modulator for Plasma-Based Ion Implantation and Deposition	544
K. Yukimura, <i>Doshisha University,</i> K. Matsunaga, <i>Haiden Laboratory, Inc.</i>	
Intense Low-Energy Electron and Ion Beams and Their Application	548
S. Korovin, S. Bugaev, N. Koval, E. Oks, D. Proskurovsky, N. Sochugov, <i>Institute of High Current Electronics</i>	
Application of Intense Pulsed Ion Beam to Material Processes	552
K. Masugata, K. Takao, M. Shiotani, R. Tejima, T. Honda, I. Kitamura, T. Takahashi, <i>Toyama University</i>	
Generation of an Atmospheric Pressure Non-Equilibrium Diffuse Discharge in Air by Means of a Water Electrode	556
M. Laroussi, C. Malott, X. Lu, <i>Old Dominion University</i>	
FRANKA-Stein: Design, Operation and Industrial Application	559
P. Hoppé, H. Bluhm, W. Frey, H. Giese, H. Massier, J. Singer, <i>Institute for Pulsed Power and Microwave Technology,</i> W. Edinger, U. Schweike, <i>Institute for Chemical Technology</i>	
Development of an Industrial Electroporation Device	563
C. Schultheiss, H. Bluhm, H. Mayer, <i>Institute for Pulsed Power and Microwave Technology,</i> M. Kern, <i>Lutz & Kern</i>	

Compact System for Ceramics Joining Using Explosive Interlayer Metal Foil	567
K. Takaki, Y. Takada, M. Itagaki, S. Mukaigawa, T. Fujiwara, <i>Iwate University</i> , S. Ohshima, <i>Iwate Industrial Promotion Center</i> , K. Oyama, <i>Ferrocomm Co., Ltd.</i> , I. Takahashi, T. Kuwashima, <i>Iwate Industrial Research Institute</i>	
High-Current, Large Volume, Glow Plasma Production Using Pulse Modulator	571
K. Takaki, R. Hasegawa, S. Mukaigawa, T. Fujiwara, <i>Iwate University</i> , D. Taguchi, <i>Yurtec Co. Inc.</i>	
NO_x Removal from Engine Exhaust Gas Using Multipoints DBD and Pulse Streamer Discharges with SOS Pulse Generator	575
K. Takaki, T. Sasaki, S. Kato, S. Mukaigawa, T. Fujiwara, <i>Iwate University</i>	
Removal of Dilute SF₆ in Emission Gas by Non-Thermal Plasma Generated by Pulsed Power	579
Y. Minamitani, Y. Abe, Y. Higashiyama, <i>Yamagata University</i>	
Average 120-kW MPC Modulator for Plasma De-NO_x/De-SO_x System	583
J-S. Oh, S. Jang, Y. Son, M. Cho, W. Namkung, D. Koh, <i>Pohang Accelerator Laboratory</i>	
A Fast Capillary-Discharge Plasma Dedicated to EUV Radiation Production Possible Source for EUV Lithography	587
C. Fleurier, C. Cachoncinlle, E. Robert, T. Gonthiez, S. Mohanty, O. Sarroukh, R. Viladrosa, J. Pouvesle, <i>University of Orléans</i>	
Effect of Magnetic Field on the Turn-On Characteristics of Power Semiconductor Devices Operated in Pulsed Power Circuits	591
K. Yasuoka, Y. Matsumoto, T. Aoki, Y. Tamura, S. Ibuka, S. Ishii, <i>Toyko Institute of Technology</i>	
The High Voltage Power Supply System of ECRH for HT-7	595
T. Ding, G. Hu, B. Liu, <i>Institute of Plasma Physics in CAS</i> , S. Du, <i>Hefei University of Technology</i>	
MHz Pulsed Power Generator Using MOS-FETs	599
W. Jiang, T. Matsuda, K. Yatsui, <i>Nagaoka University of Technology</i> , A. Tokuchi, <i>Nichicon Corp.</i>	
Compact, High Repetition-Rate Pulsed Power Generator Using High-Speed SI-Thyristor	602
W. Jiang, K. Yatsui, <i>Nagaoka University of Technology</i> , N. Shimizu, K. Iida, <i>NGK Insulators, Ltd.</i>	
High Repetition-Rate, Low Jitter Pulsed Power Generator for Excimer Laser Applications	605
W. Jiang, T. Matsuda, K. Yatsui, <i>Nagaoka University of Technology</i> , A. Tokuchi, <i>Nichicon Corp.</i>	
Small-Size Pulsed Lasers in Medical Applications	608
M. Iberler, K. Frank, <i>University of Erlangen</i>	
A Hybrid Repetitive Opening Switch for Inductive Storage Systems and Protection of DC Circuits	612
A. Pokryvailo, Y. Ziv, <i>Propulsion Physics Laboratory</i>	

ABSENT IN SESSION

Modeling of Role of Tamping Materials in Exploding Wire Opening Switches

A. Majalee, P. Doiphode, P. Sarkar, and S. Chaturvedi, *Institute for Plasma Research*

Thyristorised DC Opening Switch for Superconducting Coil Quench Protection

A. Varadharajulu, *Institute for Plasma Research*

Simulation of Breakdown Probability for Compact, High-Voltage Devices with Gas Insulation

K. Dubovenko, *Institute of Pulse Research and Engineering*

Rectangular Impulse Power Generator with Thyratrons

M. Badic, M. Marinescu, *Research Institute for Electrical Engineering*

Accurate Modeling of Reflection Loss in Plane Shield

M. Badic, M. Marinescu, *Research Institute for Electrical Engineering*

Development of Regulated High Current Floating DC Power Supply for Filament of 1.5-MW Tetrode

P. Khilar, A. Makawana, J. Soni, K. Sathyanarayana, Y. Srinivas, D. Bora, *Institute for Plasma Research*

Reconstruction of Tomography Images for Incomplete Projection Data

A. Khokonov, K. Stepanchenko, *Kabardino-Balkarian State University*

N₂ Laser with Pumping from Inductive Energy Store with a Semiconductor Opening Switch

Y. Novoselov, S. Rukin, A. Andreev, D. Karnauh, *Institute of Electrophysics*

Solid State Pulsed High Voltage Generation Technique for Industrialization of Plasma Source Ion Implantation

S. Gupta, S. Mukherjee, P. John, *Institute for Plasma Research, Gandhinagar, A. Sharma, M.S. University*

Magnetic Pulse Welding of Cryogenic Superconductors

V. Dmitriev, *The University of Michigan-Dearborn*

Method of Electromagnetic Forming of Cumulative Liquid Jet

V. Dmitriev, *The University of Michigan-Dearborn*

Model of Anode Spot Erosion under Pulse High Current Arc Discharges

G. Strelkova, *Coal Energy Technology*

Electrohydroimpulse Influence on Oil and Gas Wells

A. Molchanov, *St. Petersburg State Mining Institute*, A. Molchanov, D. Dmitriev, *SPC GeoMIR, Ltd.*, E. Bolshakov, B. Ivanov, O. Pechersky, D. V. Efremov *Scientific Research Institute of Electrophysical Apparatus*

Pulsed Electric Discharge for Water Purification

N. Yavorovsky, M. Khaskelberg, J. Kornev, *Tomsk Polytechnic University*

Development of a 75-kV Hard Tube Modulator for the Transmitter of a Doppler Weather Radar

S. Ranade, J. Mulvadkar, G. Verma, *Society for Applied Microwave Electronics Engineering and Research*

A Versatile Solid-State Floating Deck Modulator for a TWT Test Bench

S. Ranade, S. Hangirgekar, S. Kulkarni, *Society for Applied Microwave Electronics Engineering and Research*

WITHDRAWN

Compact, Repetitively Pulsed, Stacked Blumlein Pulser

J. Sullivan, E. Gower, *Lawrence Livermore National Laboratory*

Effect of Magnetic Friction on Helical Instability of Arc Discharge in Plasma

R. Ganefeld, *Coal Energy Technology Center*

Power Electronic Converters for Electric Field Profile Control in a High Power Plasma Process

S. Pronko, K. Bowers, *Archimedes Technology Group, Inc.*

Test Results From a 25 kW PFM Direct AC-AC Frequency Changer

E. Limpaecher, M. Holveck, J. Lerch, D. Hammell, *Princeton Power Systems*

250 kW, 480 V AC Pulsed Frequency Modulator Test Results for a Direct AC-AC Frequency Changer Operation

R. Limpaecher, R. Rodriguez, P. Argo, *Science Applications International, Corporation*

PFM Configured as a VAR Compensator

R. Limpaecher, G. Hutchins, J. Lerch, E. Limpaecher, *NewVAR*

PFM Technology: Computer Modeling of Hardware and Control

M. Holveck, E. Limpaecher, J. Lerch, D. Hammell, *Princeton Power Systems*

PFM Technology: Basic Operation and Control

M. Holveck, E. Limpaecher, J. Lerch, D. Hammell, *Princeton Power Systems*

UNAVAILABLE FOR PUBLICATION

High Voltage Power Switch Based on Series-Connected Triggered Vacuum Switches

V. Sidorov, D. Alferov, *Russian Electrotechnical Institute*

Using of MCG in the Power Supply of Wideband Gyrotron

V. Khizhnyak, *Institute of Applied Physics*, A. Paschenko, I. Shapoval, *Kharkov Institute of Physics and Technology*, V. Novikov, *Scientific and Technological Center of Electrophysics*

Simulating Calculation of Electron Avalanche and Streamer Process in the Field Distortion Switch

B. Han, M. Han, H. Wang, *Tsinghua University*

Twenty-Fifth International Power Modulator Symposium and 2002 High-Voltage Workshop

TABLE OF CONTENTS

To Use this Table of Contents: Scroll down or use the bookmarks in the left-hand frame to move to a new location in this index. Click on a **blue paper title** to view that paper. **Titles in black** indicate that no paper was available at the time of production. To return to this index after viewing a paper, click the PREVIOUS MENU bookmark in the left frame.

The Material on this CD-ROM was created from scanning each author's paper originals. Viewing of the text and graphics and the ease of readability will depend largely on content requiring scanning and the quality and/or consistency of each author's paper original.

WORKSHOP SESSION 1 (ORAL) Industrial Applications

EMC and Failure Mode Issues in Dielectrics: An Update	621
W. J. Sarjeant, J. Zirnheld, K. Burke, I. Kohlberg, <i>State University of New York at Buffalo</i> , G. Blaise, <i>University of Paris – South</i>	
Marx Generator Design and Performance	625
W. Carey, J. Mayes, <i>Applied Physical Electronics</i>	
Development of a >1-kV Power/Energy Capacitor for >300° C Operation	629
L. Madelcorn, <i>Consultant</i> , J. Bowers, <i>Custom Electronics, Inc.</i> , S. Gurkovich, K. Radford, <i>Northrop Grumman Corp.</i>	
Repetitive Pulse Application of Self-Healing High Voltage Capacitors	634
J. Ennis, F. MacDougall, R. Cooper, J. Bates, <i>Sorrento Electronics, Inc.</i>	
The Influence of Oxidation on Space Charge Formation and Electrical Performance in Gamma-Irradiated Low Density Polyethylene	639
G. Chen, A. Davies, H. Banford, <i>University of Southampton</i>	
Inorganic Fillers for Corona Endurance Enhancement of Selected Polymers	644
J. Horwath, D. Schweickart, <i>Air Force Research Laboratory</i>	

WORKSHOP SESSION 2 (ORAL) Biological Applications

Bacterial Decontamination with Nanosecond Pulsed Electric Fields	648
S. Katsuki, K. Moreira, F. Dobbs, R. Joshi, K. Schoenbach, <i>Old Dominion University</i>	
Nanosecond Pulsed Electric Field Effects on Human Cells	652
S. Beebe, P. Fox, L. Rec, L. Willis, <i>Eastern Virginia Medical School</i> , K. Schoenbach, <i>Old Dominion University</i>	
Power Source for Inactivation of Micro- Organisms with Partial High-Voltage Discharges in a Continuous Process	657
Y. Creghton, R. Beurskens, A. Fiala, <i>TNO Prins Maurits Laboratory</i> , S. deHaan, <i>Delft University of Technology</i>	

Effects of Thermoradiation Treatments on the DNA of *Bacillus Subtilis* Endospores662
J. Jacobs, B. Turman, *Sandia National Laboratories*, D. Faguy, *University of New Mexico*

Ultrashort Pulse Electroporation: Applications of High Pulsed Electric Fields to Induced Caspase Activation of Human Lymphocytes667
M. Gundersen, T. Vernier, C. Craft, L. Marcu, A. Li, X. Zhu, A. Gallam,
T. Katsouleas, M. Behrend, C. Young, *University of Southern California*

UNAVAILABLE FOR PUBLICATION

Electromedical Applications of Pulsed Power
K. Schoenbach, *Old Dominion University*, S. Beebe, S. Buescher, *Eastern Virginia Medical School*

WORKSHOP SESSION 3 (ORAL)

Advancements in Accelerators

The SNS Front End, an Injector for a High- Power Hydrogen Ion Accelerator671
R. Keller, *Lawrence Berkeley National Laboratory*

An Overview of High Voltage Dielectric Material for Traveling Wave Kicker Magnet Application674
W. Zhang, J. Sandberg, J. Tuozzolo, *Brookhaven National Laboratory*,
R. Cassel, *Stanford Linear Accelerator Center*, L. Ducimetière, *CERN*,
C. Jensen, *Fermi National Accelerator Laboratory*, M. Barnes, G. Wait,
TRIUMF, J. Wang, *Argonne National Laboratory*

New Pulsed Power Technology for High Current Accelerators679
G. Caporaso, *Lawrence Livermore National Laboratory*

The Polyphase Resonant Converter Modulator System for the Spallation Neutron Source Linear Accelerator684
W. Reass, D. Borovina, V. Brown, J. Doss, R. Gribble, T. Hardek,
M. Lynch, D. Rees, P. Tallerico, *Los Alamos National Laboratory*,
D. Anderson, *Oak Ridge National Laboratory*

Solid-State Modulators for Commercial Pulsed Power Systems689
M. Kempkes, J. Casey, M. Gaudreau, T. Hawkey, I. Roth, *Diversified Technologies, Inc.*

WORKSHOP SESSION 4 (ORAL)

High Power Devices and Applications

High Power Microwave Sources: Where do we go from here?694
E. Schamiloglu, *University of New Mexico*

Progress in Gallium Arsenide Photoconductive Switch Research for High Power Applications699
J. Gaudet, W. Prather, J. Burger, *Air Force Research Laboratory*,
M. Skipper, M. Abdalla, *ASR Corp.*, A. Mar, M. O'Malley,
F. Zutavern, G. Loubriel, *Sandia National Laboratories*

Applications of Coilgun Electromagnetic Propulsion Technology	703
R. Kaye, B. Turman, S. Shope, <i>Sandia National Laboratories</i>	
Atlas: A New High Performance System and the Optical-Transponder DC Probe as Applied to Bank Controls Instrumentation — and a Little History	708
C. Thompson, J. Cochrane, R. Reinovsky, <i>Los Alamos National Laboratory</i> , P. Sanchez, <i>FABTEK, Inc.</i>	
Advanced Cathode and Anode Research at the Air Force Research Laboratory	712
D. Shiffler, K. Cartwright, M. Haworth, M. Ruebush, <i>Air Force Research Laboratory</i> , M. LaCour, K. Golby, <i>SAIC</i>	